



Status Report

March 29, 1999



Sustainable Seas Expeditions

Plans for Next Several Months

- West Coast Missions

- | | | |
|--------------------------|------------------|----------|
| • Gulf of Farallones NMS | April 14 - 26 | 18 Dives |
| • Cordell Bank NMS | April 27 - May 6 | 16 Dives |
| • Monterey Bay NMS | May 9 - 22 | 22 Dives |
| • Channel Islands NMS | May 25 - June 4 | 16 Dives |
| • Olympic Coast NMS | June 16 - 30 | 20 Dives |

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Status Report to the SMC
On Sustainable Seas Expeditions



Sustainable Seas Expeditions

Plans for Next Several Months

- East Coast Missions

- Stellwagen Bank NMS July 8 - 13
- Gray's Reef NMS July 26 - Aug 6
- Florida Keys NMS August 16 - 29
- Flower Garden Banks NMS Sept 1 - 13

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Sustainable Seas Expeditions

Focus on Year 1 Activities

Exploration

Obtain Quality Video and Still Photography

Test Scientific Sampling Equipment

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Sustainable Seas Expeditions

Types of Research Projects

- Site Characterization and Exploration (26 Projects)
- Focused Research (4 Projects)
- Monitoring (2 Projects)
- System wide mapping projects: NOAA and USGS
- Multiple-site taxonomic projects



Sustainable Seas Expeditions

Status: Media and Outreach Efforts

- On-Board Process Developed
- Securing On-Board Video Equipment
- NGS Will Prepare Edited Broadcast Rolls for Press
- Media Events at Each Site Scheduled

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Sustainable Seas Expeditions

Status: GIS Efforts

Capacity Building:

- Software and Hardware Obtained for Each Site
- Commitment to Support On-Site Product Development During Mission (SPO or CSC GIS Staff Person)
- Follow-Up Training at CSC

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Status: GIS Efforts

Collaboration with ESRI

- Software
- Demonstration Project at Monterey Bay NMS
- ESRI Users Conference

Within NOAA

- Hardware
- Expertise
 - Data



Sustainable Seas Expeditions

Status: Web Offerings

- NOAA-Sponsored Official SSE Web Site - April 21
 - Primarily NOAA/SSE Content
- New NMS Web Site - April 21
 - Establishes Foundation for Major Expansion
 - Web Developer Training Completed
- SSE Web Site Turned Over to NGS in October
 - NOAA Continues to Provide Specific Content

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Sustainable Seas Expeditions

Status: Operations

- Cruise Plans
- Training - 2nd Round Complete
- Data Management Processes Defined
(will be tested this week)
- East Coast Planning Underway

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Sustainable Seas Expeditions

Status: Education

- Collaboration with NASA
 - Live Chat at Each Site
 - Live Uplinks at 4-5 Sites
- Student Summits Scheduled for Most Sites

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Challenges

1. Efforts Soon Shift To:
 - Operations
 - East Coast/Gulf of Mexico Planning
 - Planning for Next Year
2. Managing Expectations
 - Submersible Problems Not Fully Resolved
3. Ensuring Data/Information is Properly Managed



Sustainable Seas Expeditions

Challenges

4. Taking Advantage of Growing Partnership with NESDIS
 5. Preparing for Next Year:
 - Identifying and Prioritizing Work
 - Ship Schedules
 6. Taking Advantage of Growing Partnership with NASA
 - 7. Making Opportunities for NOAA**
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sseplanning.nos.noaa.gov

